

Hum: 1 MATAGGGSGADPGSRLRLLSFCVILLAGLRCRGSVERKIVIPLNKTA  
Mou MAT GGSG DPGSRGLL LLSF V+LAGLC GNSVERKIVIPLNKTA  
Dros: 1 A + +G K+Y P+ A C R LN THQ  
C.eleg L + + +AG+C G S + + + C R N TH+

Hum: 1 61 GCQSSISGDTGVIHVEKEEDLQWVLTDGPNNPPVMVLESKHFTRDLM  
Mou E MEKLKGRTSRIAG 120  
GCQSSISGDTGVIHVEKEEDL+WVLTDGPNNPPVMVLE K FTRD+MEKLKG TSRIAG  
Dros GC S+ SG GV+H++ E DL+++L+ P+PPY ++ FTR+ + +LK +  
C.eleg GCQ++ + G+I ++K+ED + W + Y LL RD + +LK + ++G

Hum: 12.1 LAVSLTKPSPASGFSPSVQCPNDGFGVYNSYGPEFAHC  
Mou REIOWNSLGNGLAYEDFSFPI 180  
LAV+L KP+ S FSFSVQCPNDGFG YSN SYGPEFAH ++ WN LG GLAYED SFPI  
Dros + + + + + FS + CPN G+ S S + + + + WN G GL +EDF FPI  
C.eleg + +S + + + S +CPN Y E+ E + NS G+GL D+ +

Hum: 181 FLLEDENETKVIKOCYQDHNLSONGSAPTFPLCAMQLFSHM  
Mou HAVISTATCMRRSSIQSTF 240  
FLLEDE+ETKVIKOCYQDHNL QNGSAP+FPLCAMQLFSHM  
Dros + + D ++ ++ + +C+QD N + + LCA+++ S M A ++T CMRR++ +  
C.eleg + + + + + +I++CY N + + + +P C M A ++ C RR + F

Hum: 241 SINPEIVCDDPLSDYNTWSMLKPINTTGTLKD  
Mous SINPEIVCDDPLSDYNTWSMLKPINT+ L+PD RVVVAATRLDSRSFF WNVAPGAESAV 299  
Dros ++ CDPL NV P +T T+ + + + RLD+ + F V GA ++  
C.eleg +N + +C + N++ PI T+ T+ + + R+DS ++ G S +

Hum: 300 ASFVTQLAAEALQKAPDVTTLPRNVMFVFFQGETFDYIGSSRMVYD  
Mou ASFVTQLAAEAL KAPDVTTL.RNVMFVFFQGETFDYIGSSRMVYDME GKFPV+LEN+ 359  
Dros F A LQ P + NV+FV F GE+DYIGS R VYDMEK +FP+ +N+  
C.eleg S ++ LAAA +/OKA + + RNV F FF GE+ DYIGS Y ME GKFP++ +

Figure 1A

Hum: 360 DSFVELGQVALRTSLELMWMMHTDPVSOKNESVRNOVEDLLATEKSGAGVPAVILRRPNQS 419

Mou D SFVELGQVALRTSLELMWMMHTDPVSOKNESVRNOVEDLLATEKSGAGVPAVILRRPNQS 419  
Dros D + + + G + + + + L + + + Q + + L KS G I + S  
C.eleg C.eleg D + E + Q + + + + H D + + + + + Q + + + + E + G A L + P + S

Hum 420 QPLPPSSLQRFLRARNISGWVLADHSGAFHNKYQSYDTAENTINVSYPEWLSPEDLNF 479  
Mou Q PPSSLQRFLRARNISGWVLADHSG+FHN+YYQSYDTAENTINV+YPEW S EEDLNF  
Dros Dros + PP+S Q FLR N + ++L + + NKYY S YD A+N++ +Y L  
C.eleg C.eleg F + A + + V+LA + + + S D EW E +

Hum 480 VTDTAKALADVATVLGRALYELAGGTNFSDTVQADPQTVTRLLYGFLIKANNSWFQSLR 539  
Mous Mous V D DV+++ ALY+ G ++ T A+F LY FL A+ F++  
Dros Dros + + V+T + A + G + D + +T + + LI + N WF  
C.eleg C.eleg Q L SY G YI+ SPT ++ +AL + T+ + + C + + +

Hum : 540 QDLRSYLGDPQLQHYIAVSSPTNTTYVVQYALANLTGTVVNLTRREQCQDPSKVPSENKDL 599  
Mous Mous DLRSYL D PLQHYIAVSSPTNTTYVVQYAL NLTG NLTRREQCQDPSKVP+E+KDL  
Dros Dros S L + P YI+V + + Y L L+ ++ R+ C D  
C.eleg C.eleg Q L SY G YI+ SPT ++ +AL + T+ + + C + + +

Hum : 600 YEYSWVQGPLHSNETDRLLPRCVRSTARLARALSPAFAELSOWSSTEYSTWESRWKDIRAR 659  
Mous Mous YEYSWVQGP +SN T+RLP+CVRST RLARALSPAFAELSOWSSTEYSTW ESRWKDI+AR  
Dros Dros PLH + + C + + + LS PAF + WSS YSTWES W AR  
C.eleg C.eleg Y Y+W P N + C+S + SPA + + +T YSTW ES +

Hum: 660 IFLIASKELELITLTVGFGILIFSLIVTYCINAKADVLFIAPREPGAVSY 709  
Mous Mous IFLIASKELE ITL VGF L+FSLIVTYCINAKADVLF+APREPGAVSY  
Dros Dros IFL S ++ IFL+VG +LI S + Y I + + + + VLF  
C.eleg C.eleg ++L+ E + + + I +L+ + + + FT EP A

Figure 1B